



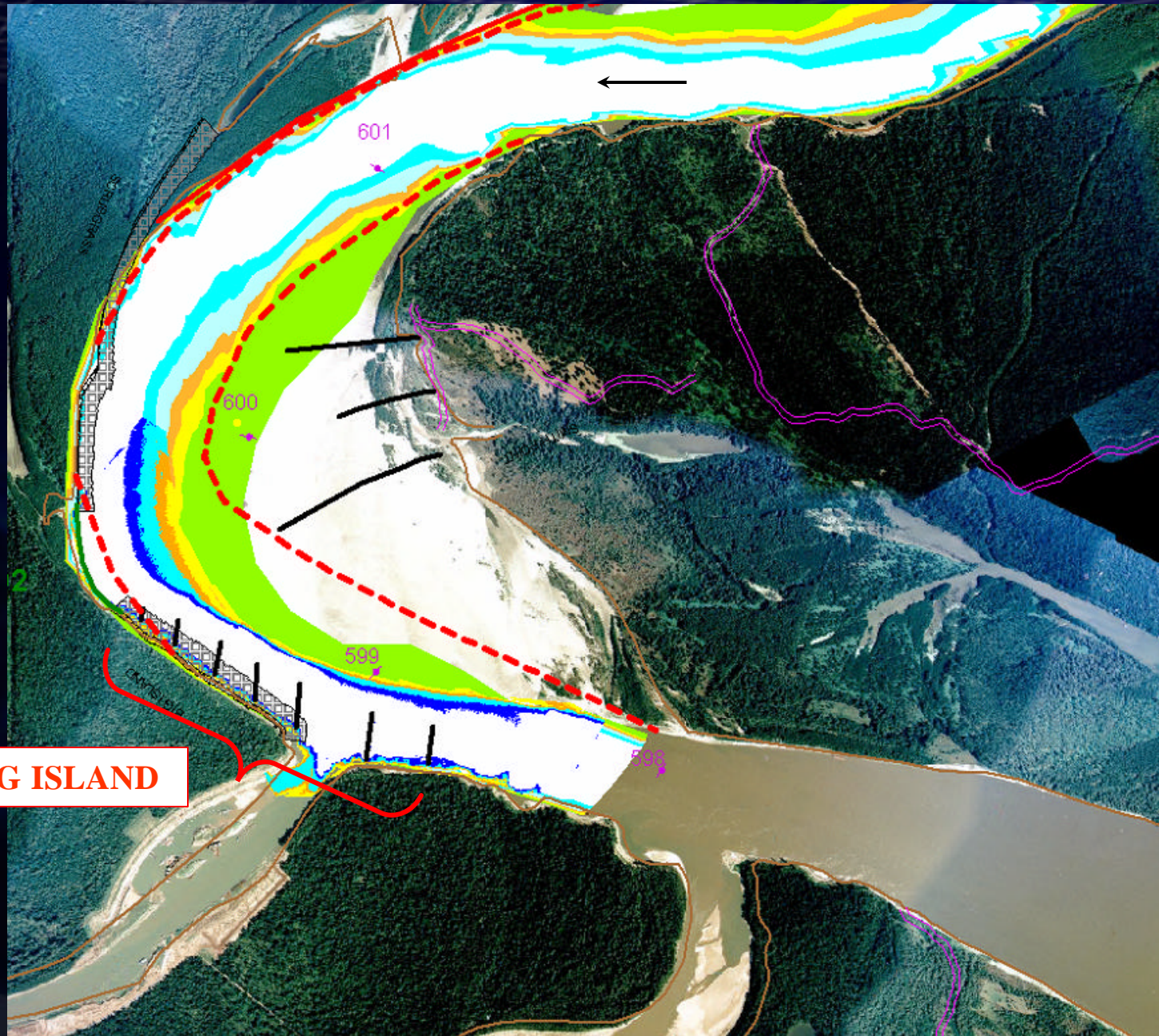
US Army Corps
of Engineers

Memphis District

DIKES - Fiscal Year 2001



Big Island – Completed Feb 02



BIG ISLAND

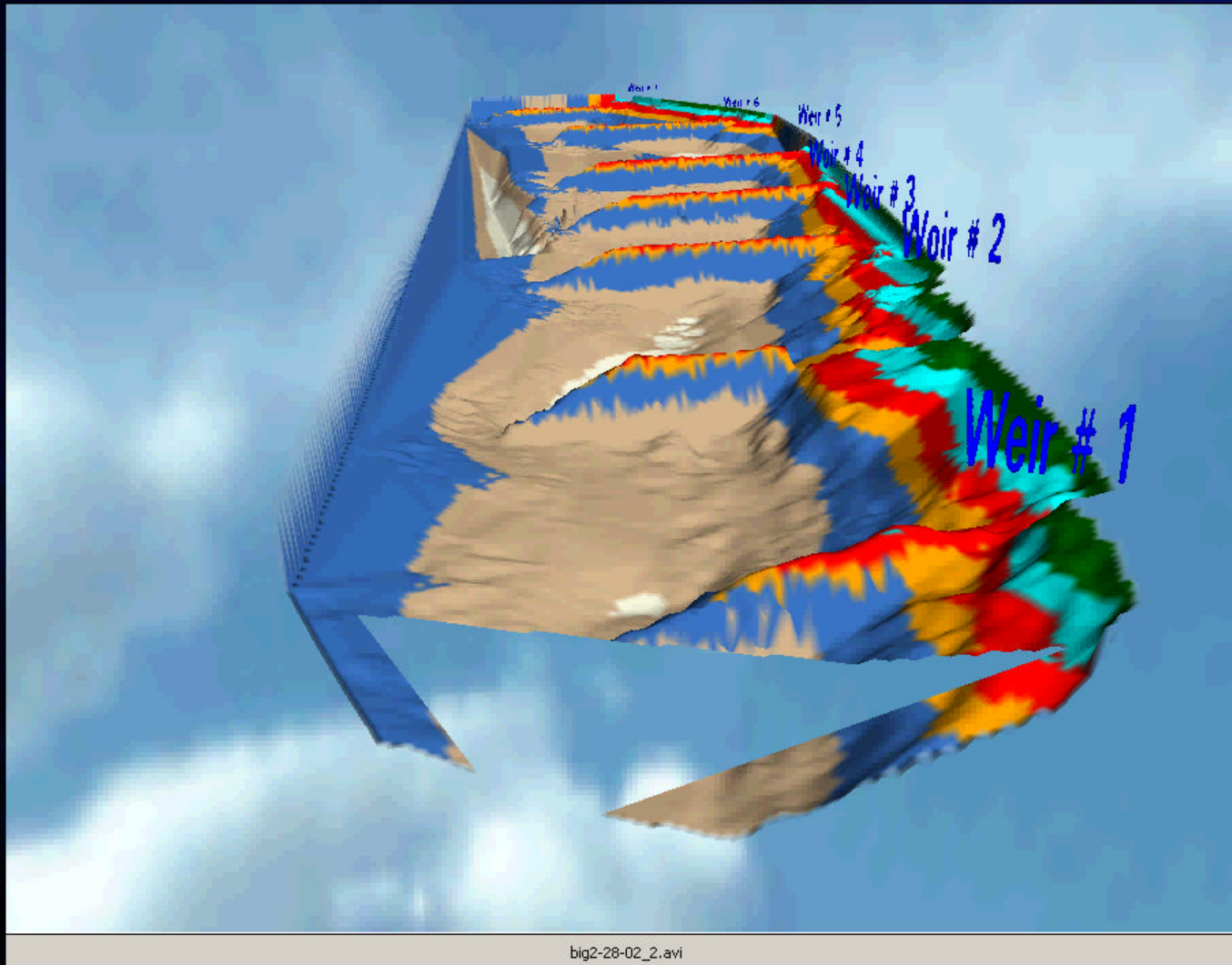
Big Island Construction History

- 20 Aug 01 - 29 Sep 01: **Phase I (41 days)**
- 10 Jan 02 - 1 Feb 02: **Phase II (22 days)**
- 21 Feb 02 – 26 Feb 02: **Bank paving between weirs**
- 63 Days to construct weirs (155 in contract)
- Average placement rate of 13,047 tons/day

Current Events at Big Island

- 7 Feb 02 – Reports from Pilots concerning difficulty traveling upstream (MV Joey Keller, MV AD Haines) Helena Gage +33
- 8 Feb 02 – MV Strong sent as contact pilot
- 10 Feb 02 – MV Strong Inspection (29.4 Helena Gage)
 - MV Christopher Parsonage (8000 HP, 35 barges with 20 loads)
 - MV Bunker King (2700 HP, 3 loads)
 - MV Mary Ann (6200 HP, 28 barges with 15 loads) Capt. Jim Lambert
- Will continue to monitor reach with ADCP velocity data and multi-beam hydrographic surveys.

Big Island Fly Thru



Big Island Velocity Data – 31 Jan 2002

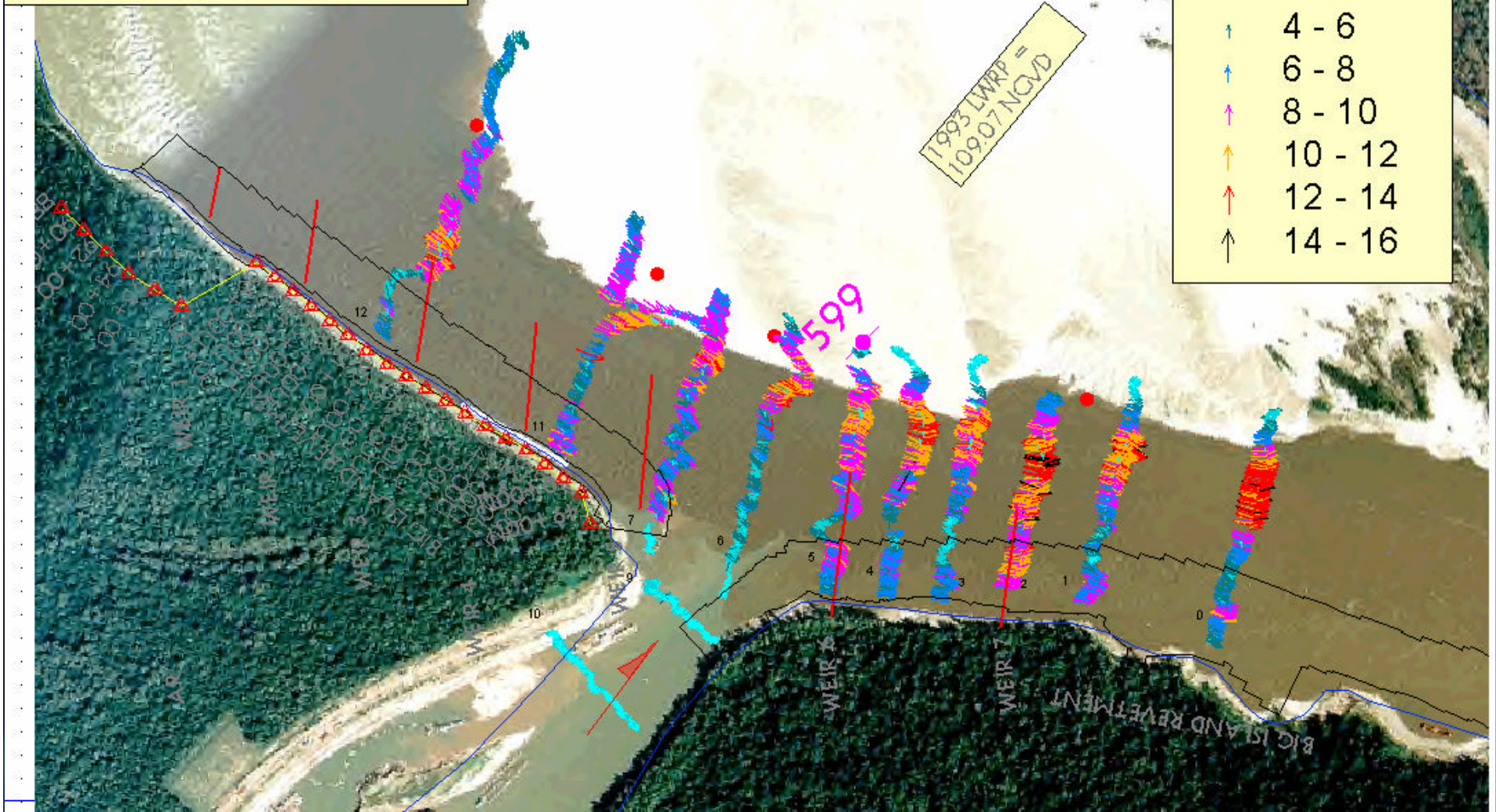
Big Island Doppler Data

01-31-02

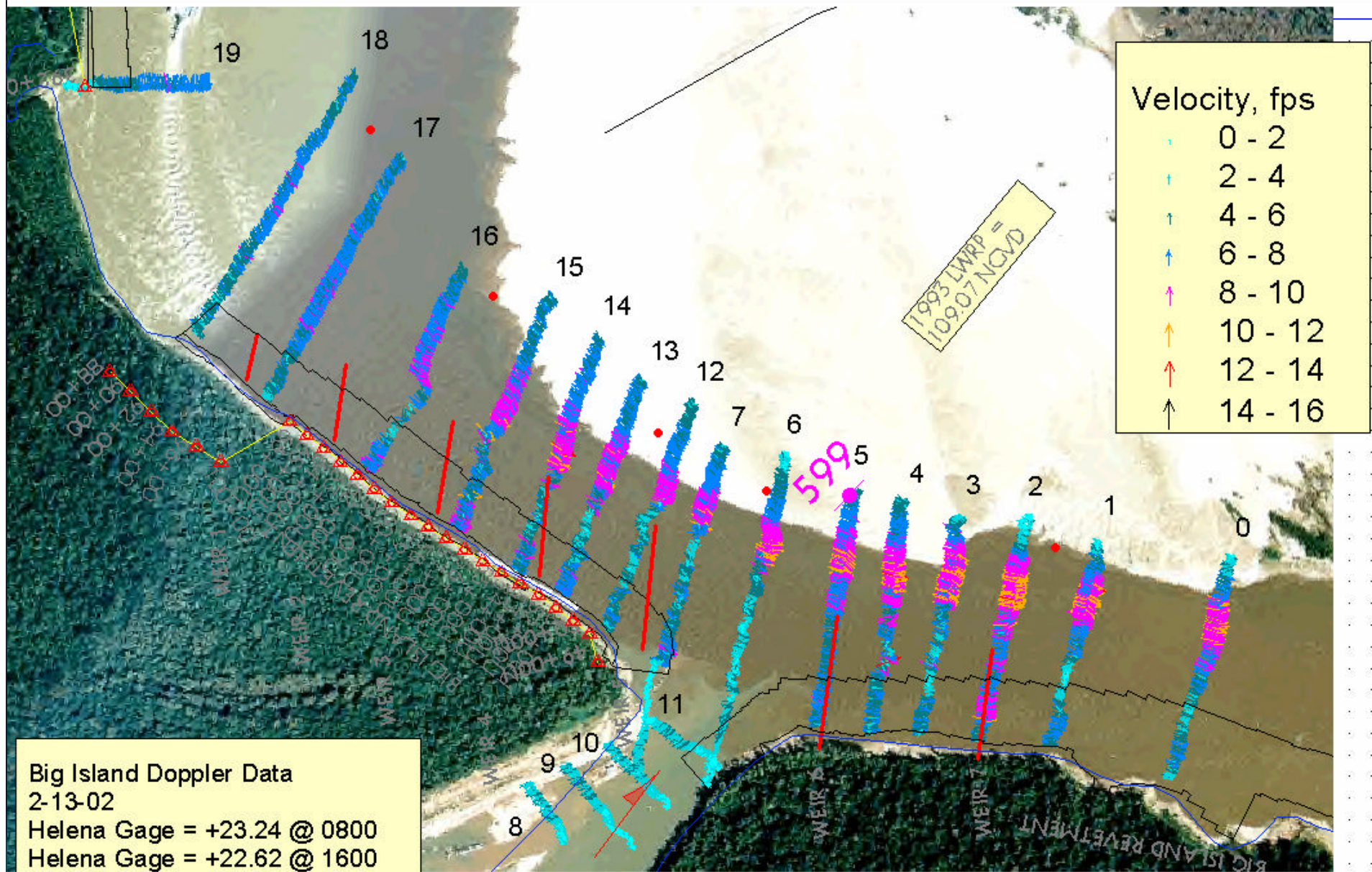
Helena Gage = +28.90 @ 0800 hours

Helena Gage = +29.20 @ 1400 hours

LWRP Correction = -2.2 @ Helena



Big Island Velocity Data – 13 Feb 2002



Big Island Doppler Data
2-13-02

Helena Gage = +23.24 @ 0800

Helena Gage = +22.62 @ 1600

LWRP Correction @ Helena = -2.2